

Title (en)

Method and device for charging at least a capacitive actuator

Title (de)

Verfahren und Vorrichtung zum Laden wenigstens eines kapazitiven Stellgliedes

Title (fr)

Procédé et dispositif pour charger au moins un actionneur capacitif

Publication

EP 1085190 B1 20040407 (DE)

Application

EP 00119669 A 20000908

Priority

DE 19944734 A 19990917

Abstract (en)

[origin: EP1085190A2] The method involves using an oscillation circuit consisting of a capacitive charge source (C1,C2), a charging coil (L) and at least one actuator (P,P'). The capacitance (C1+C2) of the charge source is set to give a predetermined maximum charging time (t3-t0). To achieve a shorter charging time (t2-t0), the oscillation circuit is broken at a time t1 after the start (t0) of the charging process, and switched to a free-running circuit containing the charging coil and the actuator.

IPC 1-7

F02D 41/20; **H01L 41/04**

IPC 8 full level

F02D 41/20 (2006.01); **H01L 41/04** (2006.01); **H02N 2/06** (2006.01)

CPC (source: EP US)

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Cited by

CN104373235A; AU2007252267B2; US7765987B2; WO2007134353A1

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EP 1085190 A2 20010321; **EP 1085190 A3 20030528**; **EP 1085190 B1 20040407**; DE 19944734 A1 20010405; DE 19944734 B4 20070215; DE 50005963 D1 20040513; US 6435162 B1 20020820

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